SEQUENCE LISTING

5   (1) GENERAL INFORMATION:

        (i) APPLICANT: Lipes, Myra A.

        (ii) TITLE OF INVENTION: **NOVEL INSULIN-SECRETING NON-ISLET CELLS**
10   **AND USES Thereof**

        (iii) NUMBER OF SEQUENCES: 2

        (iv) CORRESPONDENCE ADDRESS:
15   (A) ADDRESSEE: LAHIVE & COCKFIELD
                (B) STREET: 28 State Street
                (C) CITY: Boston
                (D) STATE: Massachusetts
                (E) COUNTRY: USA
20   (F) ZIP: 02109-1775

        (v) COMPUTER READABLE FORM:
                (A) MEDIUM TYPE: Floppy disk
                (B) COMPUTER: IBM PC compatible
25   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
                (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

        (vi) CURRENT APPLICATION DATA:
                (A) APPLICATION NUMBER:
30   (B) FILING DATE:

        (vii) PRIOR APPLICATION DATA:
                (A) APPLICATION NUMBER:
                (B) FILING DATE:
35
        (viii) ATTORNEY/AGENT INFORMATION:
                (A) NAME: Louis Myers
                (B) REGISTRATION NUMBER: 35,965
                (C) REFERENCE/DOCKET NUMBER: JDP-029
40
        (ix) TELECOMMUNICATION INFORMATION:
                (A) TELEPHONE: (617)227-7400
                (B) TELEFAX: (617)742-4214

45
    (2) INFORMATION FOR SEQ ID NO:1:

        (i) SEQUENCE CHARACTERISTICS:
                (A) LENGTH: 31 base pairs
50   (B) TYPE: nucleic acid
                (C) STRANDEDNESS: single
                (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

5   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CAATCAAAAG CTTCAGCAAG CAGGAAGGTA C   31

(2) INFORMATION FOR SEQ ID NO:2:

10

      (i) SEQUENCE CHARACTERISTICS:
          (A) LENGTH: 33 base pairs
          (B) TYPE: nucleic acid
          (C) STRANDEDNESS: single

15   (D) TOPOLOGY: linear

      (ii) MOLECULE TYPE: cDNA

20

      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GCTGAAGCTT TTTGATTGTA GCGGATCACT TAG   33

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Other embodiments are within the following claims, which along with equivalents of the claimed subject matter, define the invention.

5   What is claimed is: